

Ship Dec 9 or sooner

Work Order ID 76652

76652

Page 1

November-18-11 10:40:00 AM

Item ID: D3265-041

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Basket Base Assembly

Start Date: 18/11/2011 Start Qty: 1.00

1

Cust Item ID:

Required Date: 09/12/2011 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: M.C.J

Date: 11/11/18

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3265

Rev C

100

Weld per dwg A/R S.S. rod Batch: 1115778 0.00

100

Large Fab

Large Fab

Memo

0.00

Large Fab

1-Drill hole in D3265-3 as per Dwg D3265 ****ONLY DRILL WHEN
ASSEMBLING WITH D3267-041/-043 LID, AS PER SHEET 2 NOTE 10 ***
2-Remove all markings from material
3-Weld as per Dwg D3265 using DT9444 Deburr as required
4-cut mesh

110

QC9- Inspect visual per QSI004- Fusion Welds 0.00

110

QC

Quality Control

Memo

0.00

PC 11.12.08

1x 11/11/12/09

Pto →

11.12.09

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
11/2/08	# 100	turn to Automatic Lid open as Per DSZ 9473	Pl	11-11-08			8 11/2/08	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 76652

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Page 2

November-18-11 10:40:00 AM

Item ID: D3265-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Basket Base Assembly
 Start Date: 18/11/2011 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 09/12/2011 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

130	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum	0.00							
130									
Powdercoat	Memo	0.00							
Powder Coating	1ST COAT: 1:00 OF START TIME: 4:00 OVEN TEMPERATURE: 400 FINISH TIME: 1:30 ****if necessary**** 2ND COAT: START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____								

M119480

Handwritten signature/initials

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Item ID: D3265-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Basket Base Assembly
 Start Date: 18/11/2011 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 09/12/2011 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
140 *140* QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00				11/21/11			
150 *150* Small Fab Small Fab	Small Fab Memo Seal support gusset seam with White Sikaflex-291 Batch: <u>119443</u> Expiry date: <u>12/01</u>	0.00 0.00							MF 11-12-09
160 *160* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00							Sundor

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Page 4

November-18-11 10:40:00 AM

Item ID: D3265-041 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Basket Base Assembly
 Start Date: 18/11/2011 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 09/12/2011 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170 *170* Packaging Packaging	Identify as per dwg & Stock Location: _____ Memo	0.00 0.00	76639						
180 *180* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							

11/12/09

W/O:		WORK ORDER CHANGES					
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NOTE: Date & initial all entries

Picklist Print

November-18-11 10:40:04 AM

Page 1
3

Work Order ID: 76652

76652

Parent Item: D3265-041

D3265-041

Parent Item Name: Basket Base Assembly

Start Date: 18/11/2011

Required Date: 09/12/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:C Re-Format 05-11-03 JLM
IPP Rev:D 08-09-10 revC as per dwg (ecn 08-524) DD verified by:EC IPP
RevE: as per DEO DD 10.09.12 verified by:EC IPP RevF: revise seq
110 DD 10.01.28 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2232-3 ✓ *D2232-3* Basket Hinge		Manufactured	No			100	Each	20.0000	2	2			
--	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

**

11/12/07

Location	Loc Qty	Loc Code
WA	20	
75581	20	

D2235-1 ✓ *D2235-1* Basket Rib		Manufactured	No			100	Each	5.0000	1				
--------------------------------------	--	--------------	----	--	--	-----	------	--------	---	--	--	--	--

**

B73200 → 2x 11/12/07

Location	Loc Qty	Loc Code
WA	1	
73202	1	
WA005	4	
66895	4	

D2327-3 ✓ *D2327-3* Spacer Bushing		Manufactured	No			100	Each	21.0000	2	2			
--	--	--------------	----	--	--	-----	------	---------	---	---	--	--	--

**

B75564 → 2x 11/12/07

Location	Loc Qty	Loc Code
WA	21	
72963	1	
74782	20	

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

November-18-11 10:40:04 AM

Work Order ID: 76652

76652

Parent Item: D3265-041

D3265-041

Parent Item Name: Basket Base Assembly

Start Date: 18/11/2011

Required Date: 09/12/2011

Start Qty: 1.00

Required Qty: 1.00

D2581 Manufactured No

100 Each 17.0000 2 2

D2581

Mounting Bracket

**

11/12/07

Location

Loc Qty

Loc Code

WA

17

69739

2

70766

2

73762

13

D3442-5 Manufactured No

100 Each 42.0000 4 4

D3442-5

D3442-5

Shim

**

11/12/07

Location

Loc Qty

Loc Code

WA005

42

33282

42

D3826-041 Manufactured No

100 Each 10.0000 2 2

D3826-041

D3826-041

Rib / Gusset Assembly

**

11/12/07

Location

Loc Qty

Loc Code

WA

10

72728

4

73749

6

D3833-1 Manufactured No

100 Each 12.0000 2 2

D3833-1

D3833-1

Mesh (Base End Face)

**

11/12/07

Location

Loc Qty

Loc Code

WA

12

70470

6

71834

1

72866

5

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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November-18-11 10:40:04 AM

Work Order ID: 76652

76652

Parent Item: D3265-041

D3265-041

Parent Item Name: Basket Base Assembly

Start Date: 18/11/2011

Required Date: 09/12/2011

Start Qty: 1.00

Required Qty: 1.00

M304EX0.75-16F

Purchased

No

100

sf

554.2561

26

27.36842

M304EX0 75-16F

Expanded Metal Flat SS

**

Pl 11.12.08

Location

Loc Qty

Loc Code

WA

554.2561116

117197

102.9036

117896

53.3264

118153

76.8473

118248

33.0983

118597

21.06788

118955

82.17

119180

184.842632

27.3684

M304TS0.750W.065

Purchased

No

100

f

506.7499

18.3

19.26316

M304TS0 750W 065

304 SQ Tube .75x.75x.065W

**

11/12/07

Location

Loc Qty

Loc Code

MAT018

485.0857585

117636

67.9987

118773

417.087059

WA

6.0667

118181

6.0667

WA007

15.5974906

116267

14.628472

116763

0.9690186

*21.26 + 2 feet END BAR
SCRAP*

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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QTY -041	PART NUMBER	DESCRIPTION
X	D3265-041	BASKET ASSEMBLY
2	D2232-3	HINGE PLATE
4	D2235-1	RIB
4	D2325	SUPPORT GUSSET
2	D2327-3	BUSHING
2	D2581	MOUNTING BRACKET
2	D3265-1	RIB
2	D3265-3	RIB
2	D3265-5	RIB
2	D3442-5	SHIM

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY.
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. 716652 M.L.J
1111118

DEO ATTACHED

RELEASED
06-09-01/11/11



NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) WEIGHT: N/A
- 9) WELD PER DART QSI 004

C	DRAWING UPDATED TO CURRENT STANDARDS. SHT 4 ADDED. RIB MATERIAL WAS 0.060 THICK. SHT 2 ZONE D5 25.63 DIMENSION WAS 27.63.	AJS	08.08.14
B	INCORPORATED A1. ADD SHIM UNDER HINGES. ADD HOLES FOR SPLIT LID BASKETS.	PH	05.06.08
A	NEW ISSUE	CP	04.02.02
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS	DRAWING NO.	REV. C
CHECKED		D3265	SHEET 1 OF 4
MFG. APPR.		TITLE	SCALE
APPROVED		BASKET BASE ASSEMBLY (350)	NTS
DE APPR.		COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	
DATE	08.08.14		

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

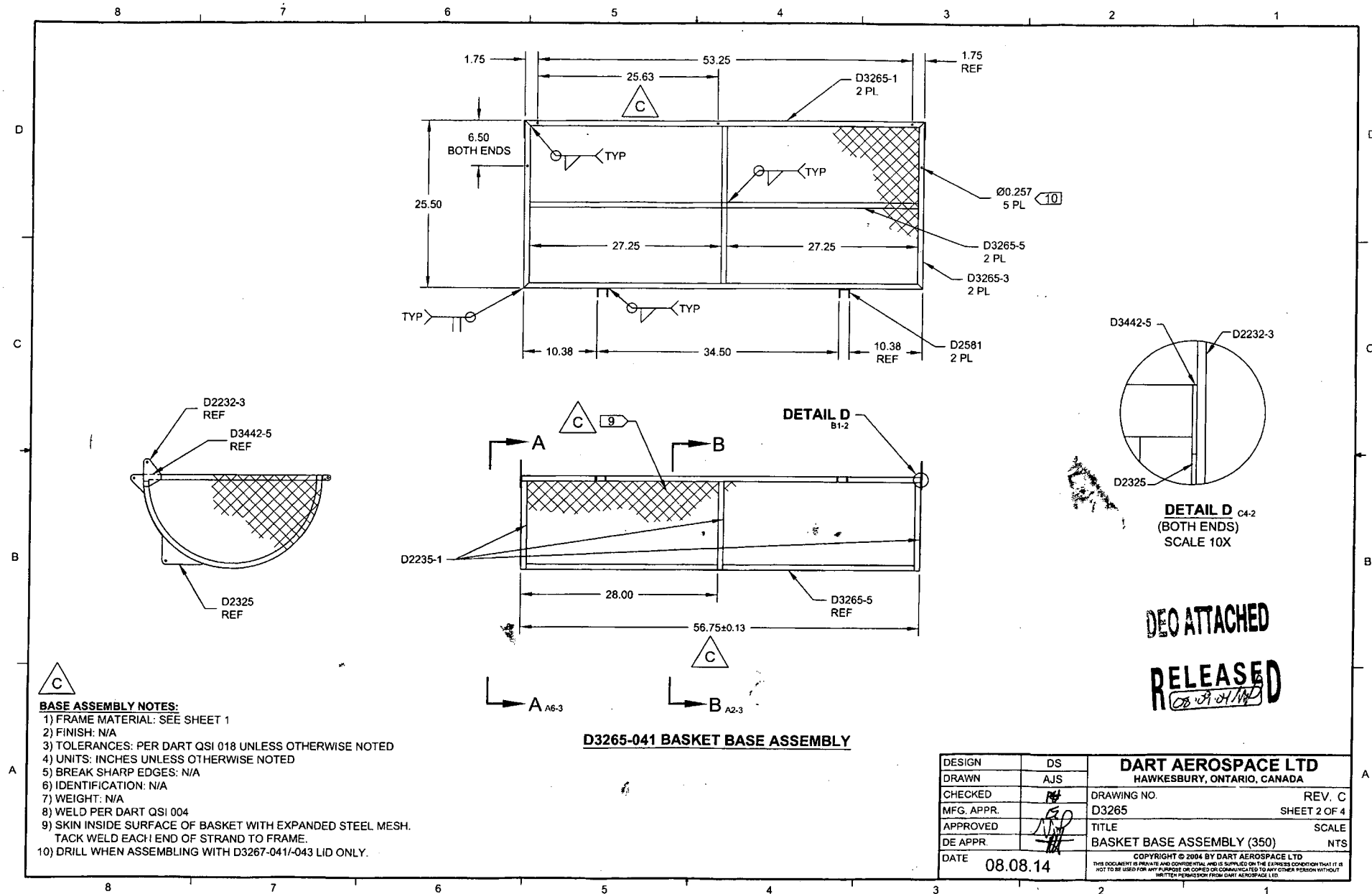
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

76652



DEO ATTACHED
RELEASED

DESIGN	DS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>PA</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>ED</i>	D3265	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BASKET BASE ASSEMBLY (350)	NTS
DATE	08.08.14	COPYRIGHT © 2004 BY DART AEROSPACE LTD	
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

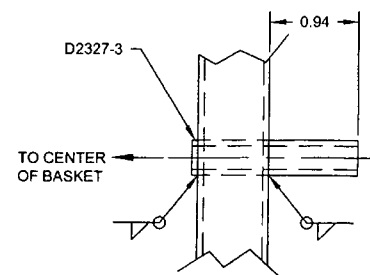
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

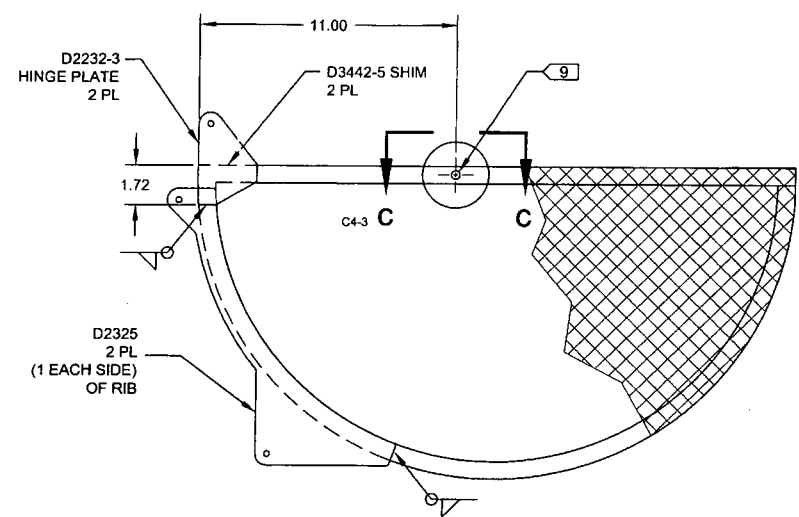
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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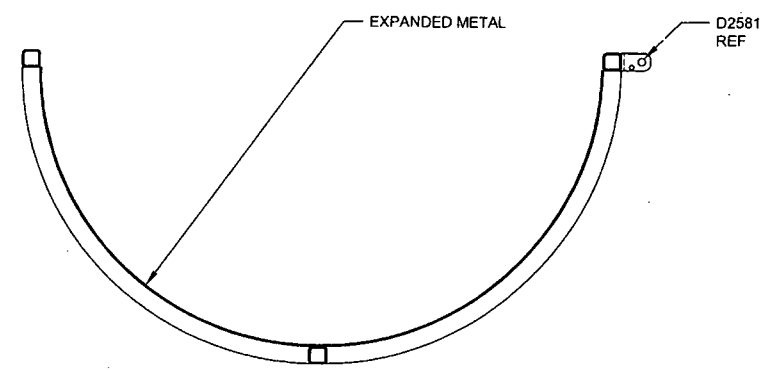
76652



VIEW C-C B7.3
2 PL
SCALE 4X
ROTATED 90° CCW



SECTION A-A A5.2
2 PL
(BOTH END RIBS)



SECTION B-B A4.2
2 PL
(BOTH CENTER RIBS)

DEO ATTACHED
RELEASED
08-09-04/11

- NOTES:**
- 1) MATERIAL: SEE SHEET 1
 - 2) FINISH: SEE SHEET 1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A
 - 8) WELD PER DART QSI 004
 - 9) DRILL 3/8 HOLE AND INSTALL D2327-3 USING CLOSEST SPACE IN EXPANDED METAL FOR HOLE LOCATION BOTH ENDS

DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AS	DRAWING NO.	REV. C
MFG. APPR.	AS	D3265	SHEET 3 OF 4
APPROVED	AS	TITLE	SCALE
DE APPR.	AS	BASKET BASE ASSEMBLY (350)	NTS
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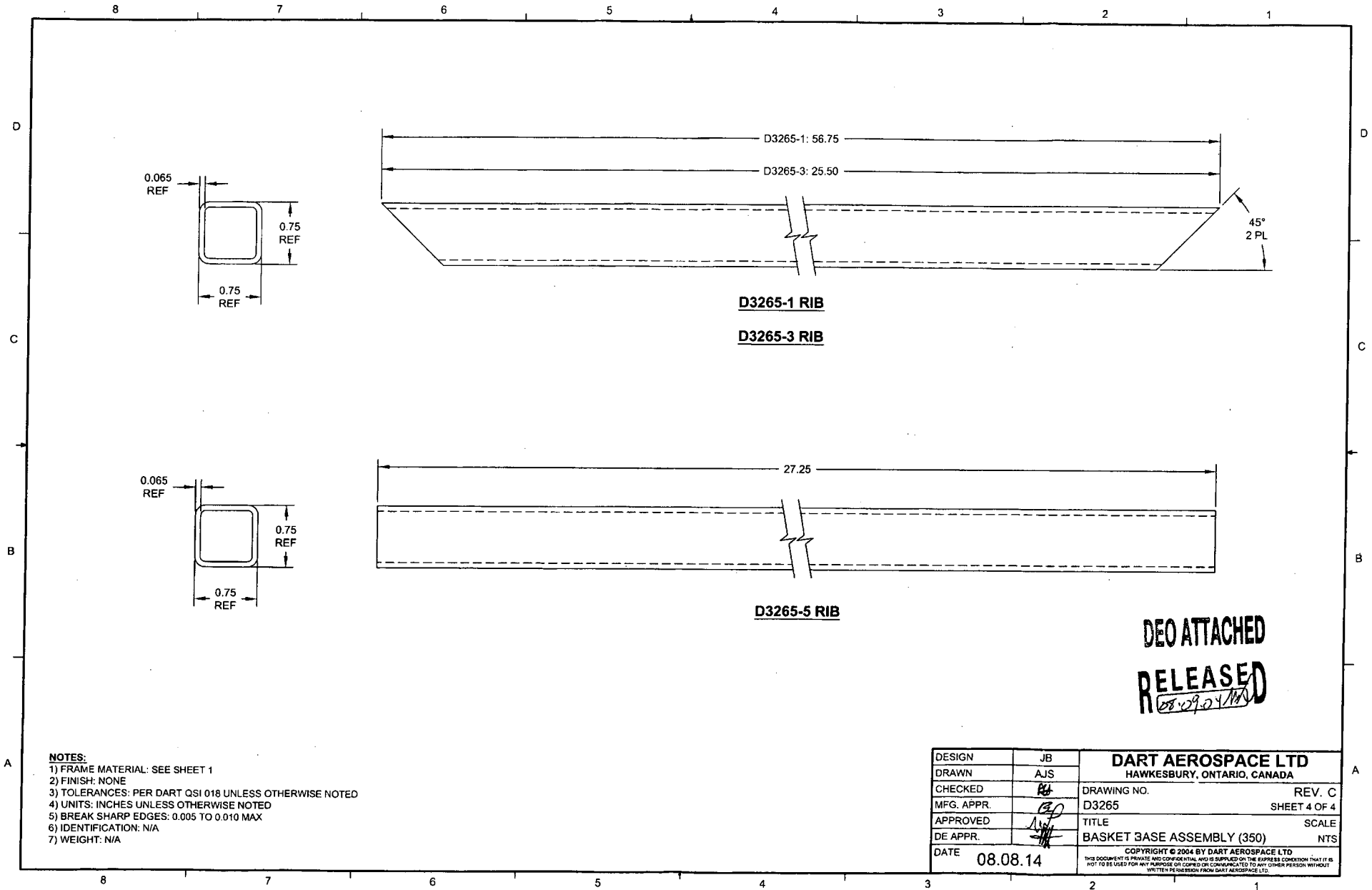
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

76652



NOTES:

- 1) FRAME MATERIAL: SEE SHEET 1
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DEO ATTACHED
RELEASED
08.09.04

DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	RA	DRAWING NO.	REV. C
MFG. APPR.	ED	D3265	SHEET 4 OF 4
APPROVED	AW	TITLE	SCALE
DE APPR.	AW	BASKET BASE ASSEMBLY (350)	NTS
DATE	08.08.14	<small>COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

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DRAWING NO. D3265	TITLE BASKET BASE ASSEMBLY (350)	REV. C	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D3265-C-1	SHEET NO. SHEET 1 OF 2	SCALE NTS
DRAWN [Signature]	CHECKED PH	MFG. APPR. [Signature]	APPROVED [Signature]		DE APPR. [Signature]		
DATE 09.04.16	DATE 09.04.16	DATE 09.04.16	DATE 09.04.16		DATE 09.04.16		

SHEET 1, MODIFY PARTS LIST AS FOLLOWS:

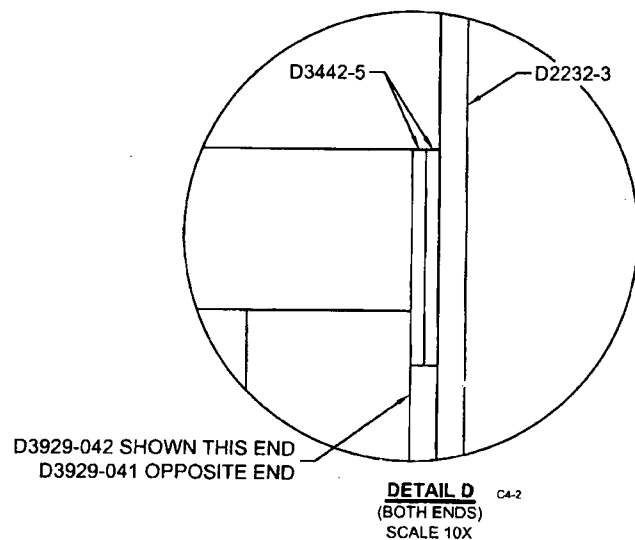
IS:

QTY -041	PART NUMBER	DESCRIPTION
X	D3265-041	BASKET ASSEMBLY
3	D2235-1	RIB
2	D3929-041	GUSSET ASSEMBLY
2	D3929-042	GUSSET ASSEMBLY
4	D3442-5	SHIM

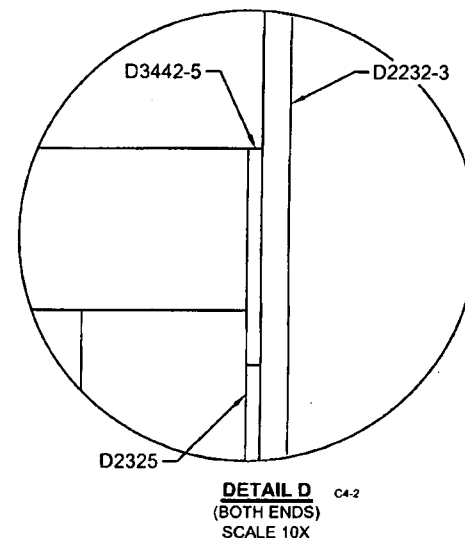
WAS:

QTY -041	PART NUMBER	DESCRIPTION
X	D3265-041	BASKET ASSEMBLY
4	D2235-1	RIB
4	D2325	SUPPORT GUSSET
2	D3442-5	SHIM

SHEET 2, MODIFY DETAIL D AS SHOWN:



RELEASED
01/04/22



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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

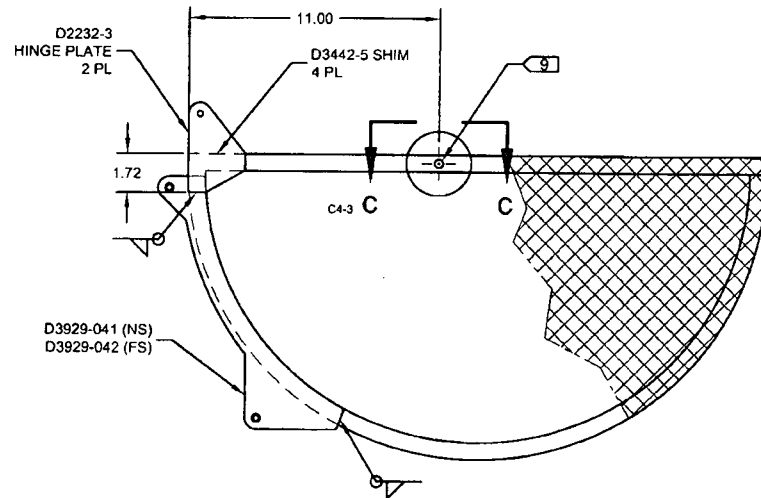
NOTE: Date & initial all entries

76652

DRAWING NO. D3265	TITLE BASKET BASE ASSEMBLY (350)	REV. C	DART AEROSPACE LTD ENGINEERING ORDER	D.E.O. NO. D3265-C-1	SHEET NO. SHEET 2 OF 2	SCALE NTS
DRAWN B	CHECKED PH	MFG. APPR. AD	APPROVED H	DE APPR. H		
DATE 09.04.16	DATE 09.04.16	DATE 09/04/17	DATE 09.04.17	DATE 09.04.17		

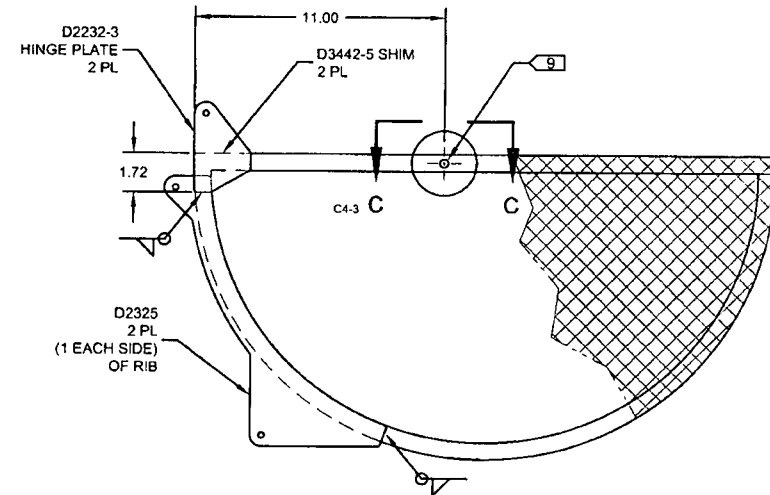
SHEET 3, MODIFY SECTION A-A AS SHOWN:

IS:



SECTION A-A AS-2
2 PL
(BOTH END RIBS)

WAS:



SECTION A-A AS-2
2 PL
(BOTH END RIBS)

RELEASED
09/04/2017

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND DRAWING D350-607 REV. F OR SUBSEQUENT APPROVED REVISION

REF CANADIAN STC: SH94-14

FAA STC: SR00213NY

EASA STC: EASA.IM.R.S.01405

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI), IS TO PROVIDE OPERATORS OF AS350 / 355 ROTORCRAFT EQUIPPED WITH DART D350-607-041 HELI UTILITY BASKETS WITH AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 2 GAS SPRINGS.

FOR OPERATORS EQUIPPED WITH D350-607-043/-045/-047 HELI UTILITY BASKETS THIS DSI WILL PROVIDE AN UPGRADE KIT TO REPLACE THE EXISTING LID PROP ARM WITH 1 GAS SPRING.

ITEM No.	QTY -141	QTY -143	QTY -145	PART NUMBER	DESCRIPTION
1	X			D350-607-141	AUTOMATIC LID OPENER INSTL (FOR USE ON -041 BASKET*)
2		X		D350-607-143	AUTOMATIC LID OPENER INSTL (FOR USE ON -043/-047 BASKET*)
3			X	D350-607-145	AUTOMATIC LID OPENER INSTL (FOR USE ON -045 BASKET*)
4	2		1	D3953-1	GAS SPRING BRACKET
5	2	1	1	D3953-3	GAS SPRING STUD (LID)
6	2	1	1	D3953-5	GAS SPRING STUD (BASE)
7	2	1	1	D3953-7	GAS SPRING SPACER
8	4	2	2	D3953-9	GAS SPRING WASHER
9	2	1	1	D3953-11	GAS SPRING SPACER
10	2		1	D3953-13	GAS SPRING SPACER
11		1		D3953-15	GAS SPRING BRACKET
12		1		D3953-17	GAS SPRING SPACER
13	2	1	1	D3969-1	GAS SPRING
14	4	2	2	AN3C11A	BOLT
15		2		AN3C15A	BOLT
18	4		2	AN3C16A	BOLT
19	4	2	2	AN310-4	CASTELLATED NUT
20	8	4	4	MS21043-3	NUT
21	4	2	2	MS24665-212	COTTER PIN
22	8	4	4	NAS1149C0332R	WASHER (OR AN960C10L)
23	4	2	2	NAS1149C0432R	WASHER (OR AN960C416L)

***NOTE:** FOR CUSTOMERS WISHING TO ORDER NEW BASKETS WITH THE LID OPENER PRE-INSTALLED USE THE FOLLOWING NUMBERS:

D350-607-041 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-041A

D350-607-043 BASKET WITH AUTOMATIC LID OPENER INSTALLED= D350-607-043A

D350-607-045 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-045A

D350-607-047 BASKET WITH AUTOMATIC LID OPENER INSTALLED = D350-607-047A

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	
D. SHEPHERD (DE # 02)	
DATE:	09.11.11
CERT. NO.:	SH94-14
ISSUE NO.:	4

C	SHEET 1 PL, -143 INSTL, ITEM 6 QTY WAS 2, ITEM 7 WAS 0.	AJS	09.11.11
B	SHT 1 P/L ITEM 22 WAS NAS1149C0332 ITEM 23 WAS NAS1149C0432H. ALL OTHER SHEETS UPDATED ACCORDINGLY. (REASON: DRAFTING ERROR) INSTALLATIONS RENAMED.	AJS	09.11.06
A	NEW ISSUE	AJS	09.09.15
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 1 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

FOR D350-607-041 BASKETS, REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

D350-607-141 AUTOMATIC LID OPENER INSTALLATION

NOTE: ONCE THIS MODIFICATION IS COMPLETE YOU WILL NOT BE ABLE TO RE-INSTALL THE D2332-041 PROP ARM.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON BOTH ENDS OF THE BASKET AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
- 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

NOTE: THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.




- 7) REPEAT STEPS 2 THROUGH 6 AT THE OTHER END OF THE BASKET.
- 8) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRINGS SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.11.11
CERT. NO.: SH94-14
ISSUE NO.: 4

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 2 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.11	COPYRIGHT © 2009 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

FOR D350-607-043/-047 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

D350-607-143 AUTOMATIC LID OPENER INSTALLATION

NOTE: THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 2 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-15 GAS SPRING BRACKET AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL C. INSTALL THE D3953-15 GAS SPRING BRACKET & D3953-17 GAS SPRING SPACER USING 2X AN3C15A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW G-G.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 2. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL D. INSTALL 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW H-H. INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW H-H. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 5) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-15 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING STUD AS SHOWN IN VIEW G-G. RAISE THE BASKET LID AND INSTALL THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW G-G. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

NOTE: THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.




- 6) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.11.11
CERT. NO.: SH94-14
ISSUE NO.: 4

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 3 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
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FOR D350-607-045 BASKETS REPLACE THE EXISTING D2332-041 PROP ARM ASSEMBLY AS FOLLOWS:

D350-607-145 AUTOMATIC LID OPENER INSTALLATION

NOTE: THIS KIT MAY BE INSTALLED AT EITHER END OF THE BASKET. HOWEVER, THE PROP ARM MUST BE REMOVED IN EITHER CASE AS IT WILL INTERFERE WITH THE FUNCTION OF THE GAS SPRING.

- 1) REMOVE THE D2332-041 PROP ARM.
- 2) GRIND FLUSH THE D2327-3 SPACER BUSHING ON THE END OF THE BASKET WHERE THE LID OPENER IS BE INSTALLED AS SHOWN IN FIGURE 1 (IT IS PERMISSIBLE TO GRIND ALL 4 SPACERS FLUSH). TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4.
- 3) LOCATE THE D3953-1 GAS SPRING BRACKET AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET LID SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL A. INSTALL THE D3953-1 GAS SPRING BRACKET & D3953-13 GAS SPRING SPACER USING 2X AN3C16A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT AS SHOWN IN VIEW E-E.
- 4) LOCATE THE D3953-5 GAS SPRING STUD AS SHOWN IN FIGURE 1. TRIM STEEL MESH LOCALLY AS REQUIRED. TOUCH UP PAINT PER ICA-D350-607 REV. 0 SECTION 5.1 ITEM 4. TRANSFER MARK AND DRILL 2X Ø0.194 HOLES THRU THE BASKET BASE SQUARE TUBE STRUCTURE AS SHOWN IN DETAIL B. FASTEN D3953-5 IAW VIEW F-F USING 2X AN3C11A BOLT, 2X NAS1149C0332R WASHER & 2X MS21043-3 NUT.
- 5) INSTALL 1X D3953-11 GAS SPRING SPACER ONTO THE D3953-5 STUD AS SHOWN IN VIEW F-F. INSTALL THE LARGE END OF THE D3969-1 GAS SPRING SPRING ONTO THE D3953-5 GAS SPRING STUD AND FASTEN IN PLACE USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW F-F. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.
- 6) INSERT THE D3953-3 GAS SPRING STUD INTO THE D3953-1 GAS SPRING BRACKET & INSERT THE D3953-7 GAS SPRING SPACER ONTO THE D3953-3 GAS SPRING AS SHOWN IN VIEW E-E. RAISE THE BASKET LID AND INSTALL THE ROD END OF THE D3969-1 GAS SPRING ONTO THE D3953-3 GAS SPRING STUD USING 1X D3953-9 GAS SPRING WASHER, 1X NAS1149C0432R WASHER, 1X AN310-4 CASTELATTED NUT & 1X MS24665-212 COTTER PIN AS SHOWN IN VIEW E-E. INSTALL COTTER PIN PER MS33540 OR AC43.13 CHAPTER 7-127.

NOTE: THE D3953-3 GAS SPRING STUD CAN BE HELD IN PLACE WITH A $\frac{9}{16}$ OPEN END SPANNER / WRENCH.

NOTE: WITH THE LID IN THE CLOSED POSITION THE GAS SPRING SHOULD NOT BE FULLY COMPRESSED.




- 7) TEST THE INSTALLATION. IF INSTALLED PROPERLY THE GAS SPRING SHOULD ASSIST THE BASKET USER IN BOTH OPENING AND CLOSING THE BASKET LID.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.11.11
CERT. NO.: SH94-14
ISSUE NO.: 4

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
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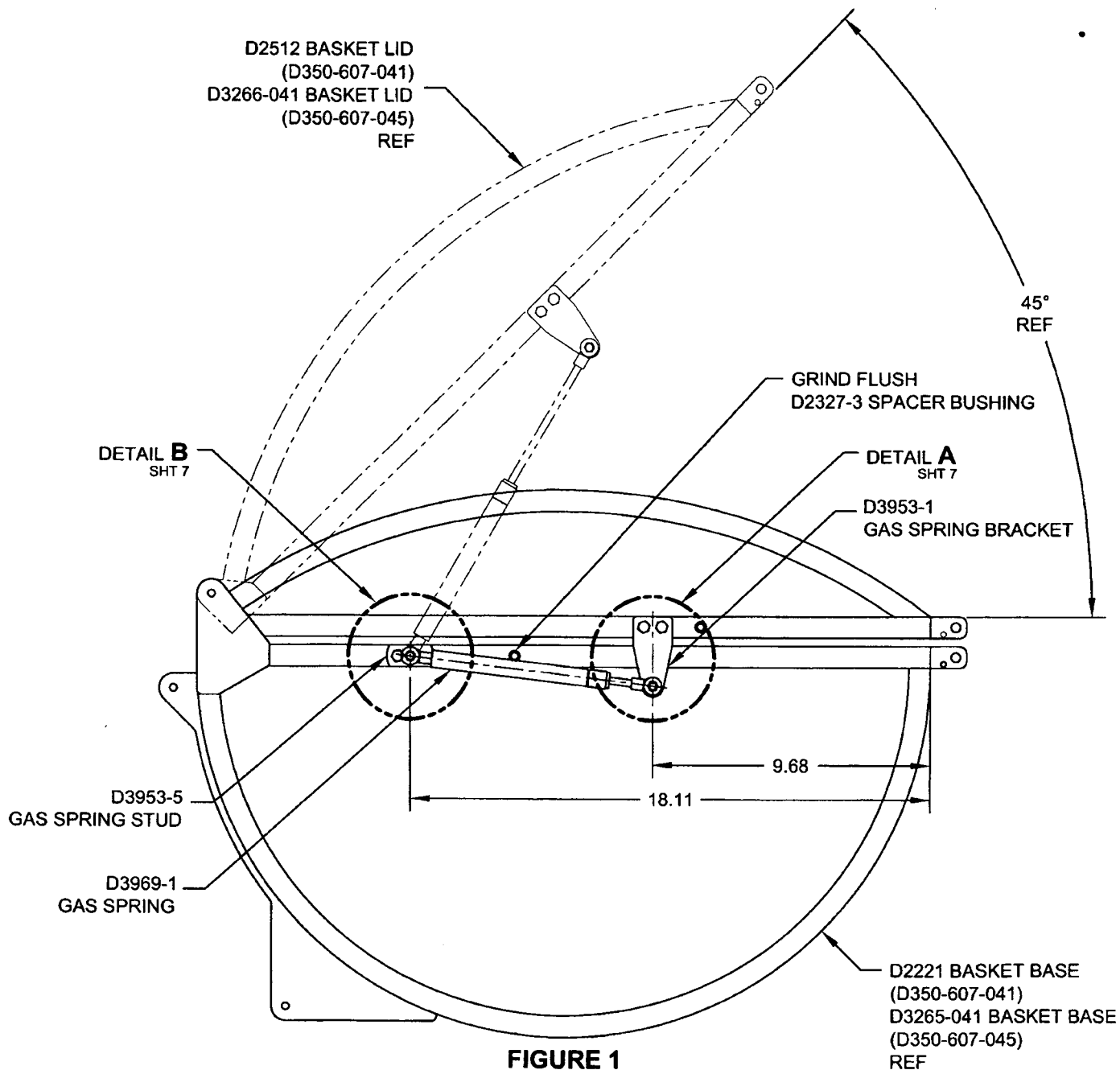





FIGURE 1
D350-607-141 AUTOMATIC LID OPENER INSTALLATION
 (BOTH ENDS)
D350-607-145 AUTOMATIC LID OPENER INSTALLATION
 (1 END ONLY)

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

APPROVED

BY: *[Signature]*
 D. SHEPHERD (DE # 02)

DATE: 09.11.11
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DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 5 OF 8
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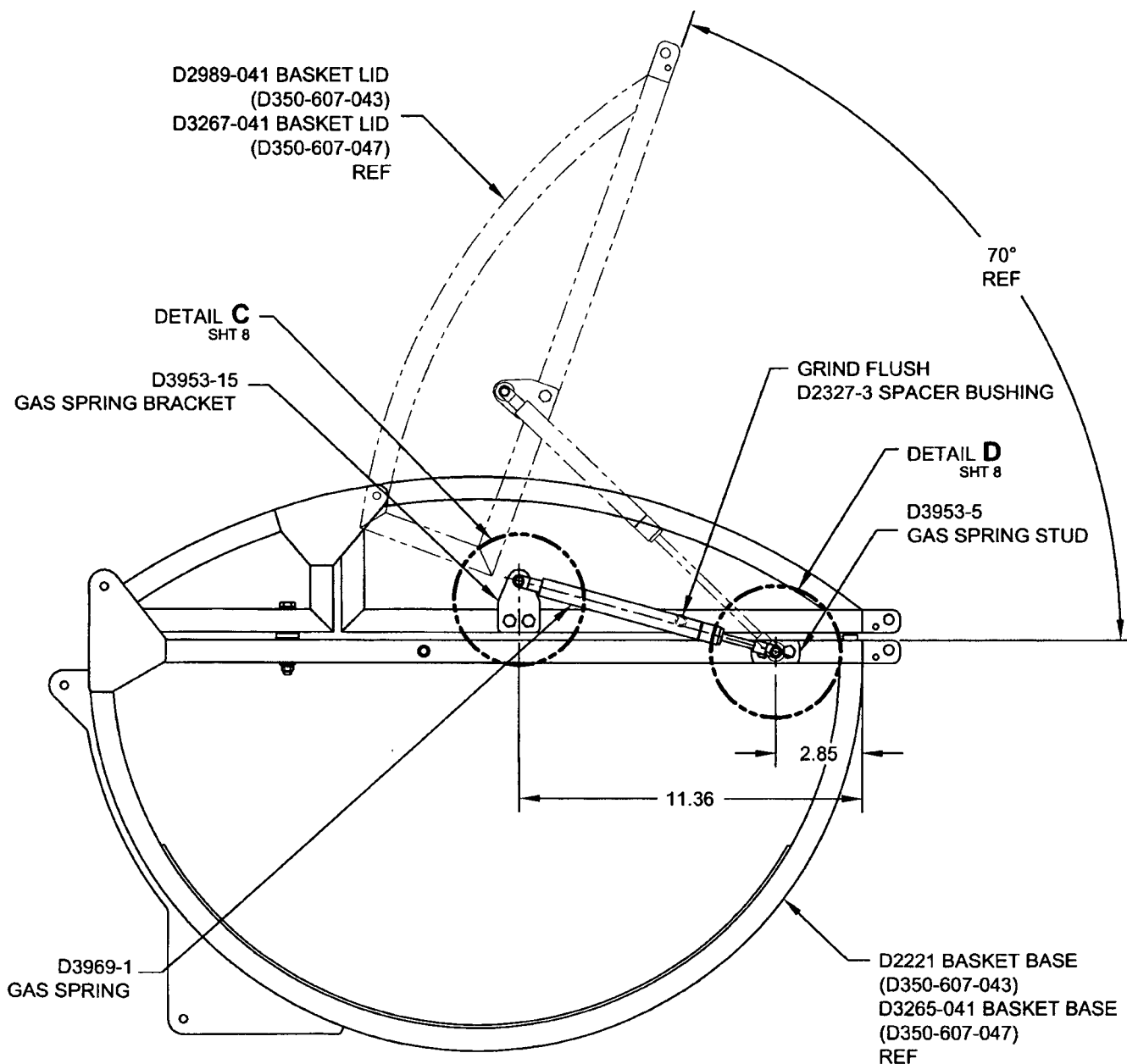


FIGURE 2
D350-607-143 AUTOMATIC LID OPENER INSTALLATION
 (1 END ONLY)

CANADA
 DEPARTMENT OF TRANSPORT
 AIRCRAFT CERTIFICATION
 BRANCH
 DAO # 01-O-01

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BY: *[Signature]*
 D. SHEPHERD (DE # 02)

DATE: 09.11.11
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DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 6 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AUTOMATIC LID OPENER INSTL	NTS
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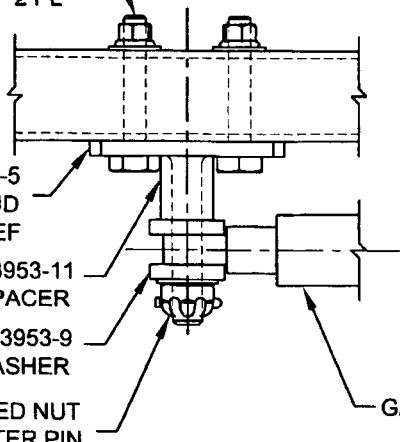
AN3C11A BOLT
NAS1149C0332R WASHER
MS21043-3 NUT
2 PL

D3953-5
GAS SPRING STUD
REF

D3953-11
GAS SPRING SPACER

D3953-9
GAS SPRING WASHER

AN310-4 CASTELLATED NUT
MS24665-212 COTTER PIN
NAS1149C0432R WASHER



VIEW F-F

AN3C16A BOLT
NAS1149C0332R WASHER
MS21043-3 NUT
2 PL

D3953-13
GAS SPRING SPACER

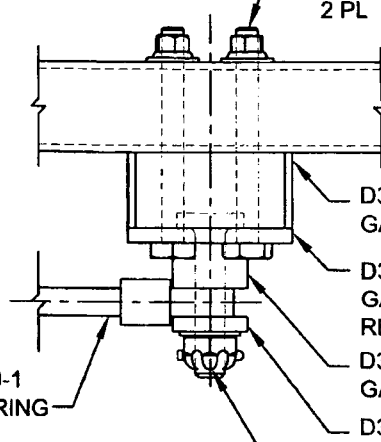
D3953-1
GAS SPRING BRACKET
REF

D3953-7
GAS SPRING SPACER

D3953-9
GAS SPRING WASHER

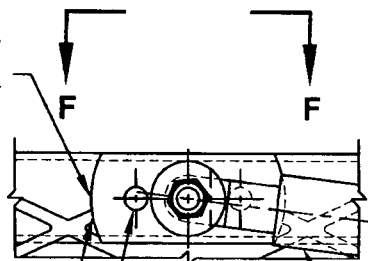
D3953-3 GAS SPRING STUD
AN310-4 CASTELLATED NUT
MS24665-212 COTTER PIN
NAS1149C0432R WASHER

D3969-1
GAS SPRING
REF



VIEW E-E

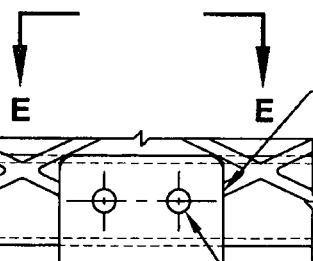
D3953-5
GAS SPRING STUD
REF



TRIM MESH LOCALLY
AS REQUIRED

TRANSFER MARK AND
DRILL Ø0.194 THRU
2 PL

DETAIL B



TRIM MESH LOCALLY
AS REQUIRED

TRANSFER MARK AND
DRILL Ø0.194 THRU

D3969-1
GAS SPRING
REF

D3953-1
GAS SPRING BRACKET
REF




DETAIL A

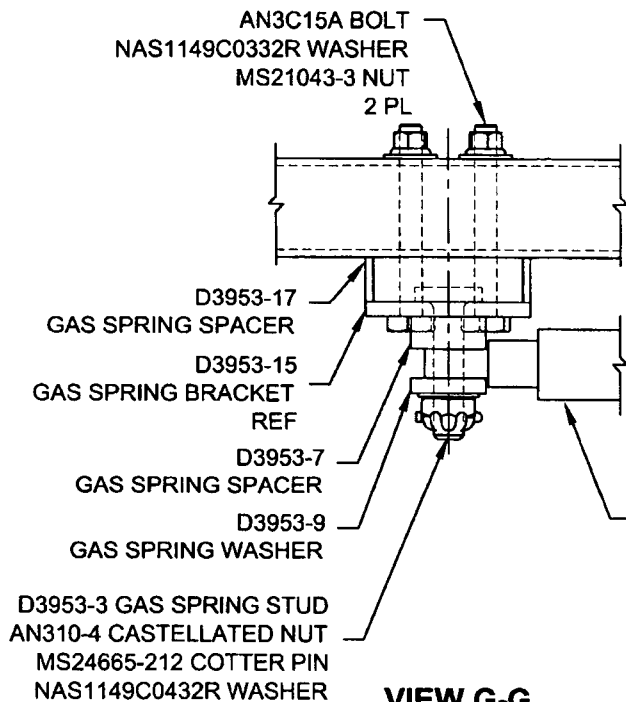
CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

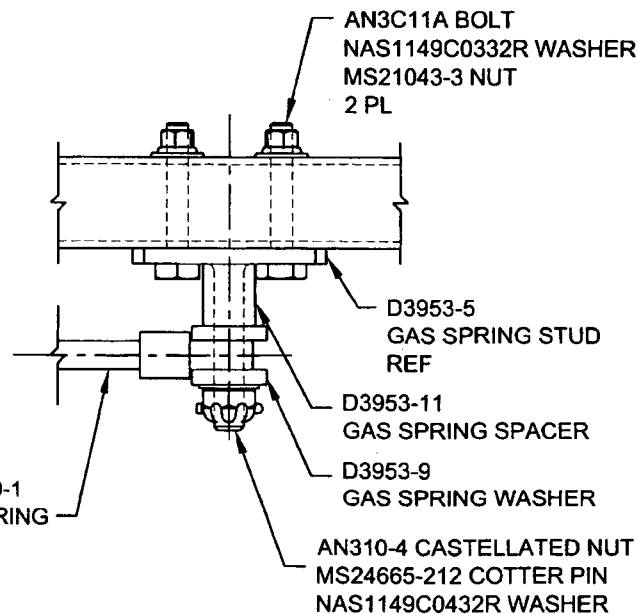
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 09.11.11
CERT. NO.: SH94-14
ISSUE NO.: 4

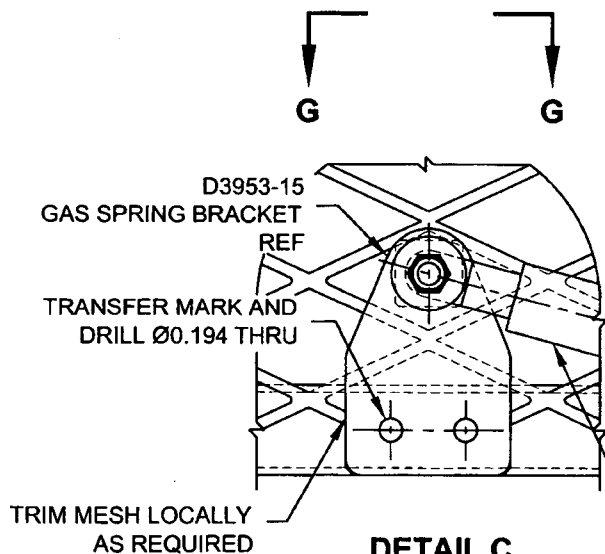
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DRAWN	AJS		
CHECKED		DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 7 OF 8
APPROVED		TITLE	SCALE
DE APPR.		AUTOMATIC LID OPENER INSTL	NTS
DATE	09.11.11	COPYRIGHT © 2009 BY DART AEROSPACE LTD	
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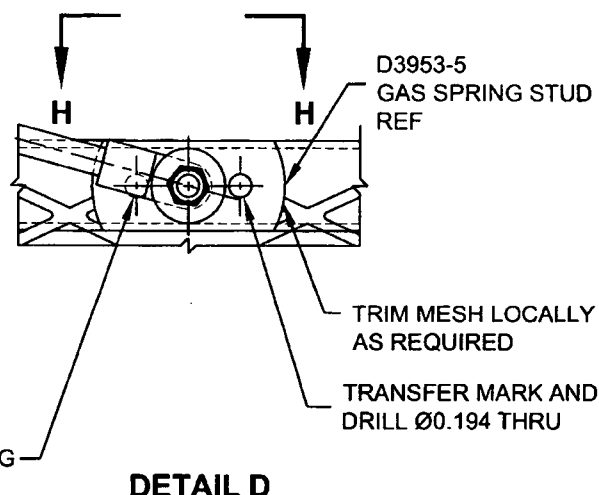
VIEW G-G



VIEW H-H



DETAIL C



DETAIL D

CANADA
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AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 09.11.11
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DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	DSI 9473	SHEET 8 OF 8
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AUTOMATIC LID OPENER INSTL	NTS
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